GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3755
ANSWERED ON:16.08.2001
PENDING HYDEL POWER PROJECTS
JASKAUR MEENA;PADAMSEN CHAUDHARY;RAMPAL SINGH

Will the Minister of POWER be pleased to state:

(a) the number of hydel power projects/mini-hydel projects pending in the country at present;

(b) the reasons for their pendency;

(c) the estimated cost over-run due to delay in completion of these projects;

(d) whether the Government propose to start Rahughat Hydel Power Project in Rajasthan; and

(e) if so, the time by which the Government are likely to be self-sufficient in the field of electricity?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) to (c) : Details of hydro-electric projects under execution in the country, time and cost over-run thereon and the reasons thereof are given in Annex. In addition, 186 small hydro power projects (up to 25 MW) aggregating about 527 MW are being executed bythe State Governments as well as by the private sector.

(d) : The project report of Rahughat Hydro-electric scheme submitted byRajasthan State Electricity Board to CEA in June, 1987 was returned in February, 1988 for re-submission after resolution of inter-state aspects with Madhya Pradesh. It has now been proposed that utilisation of Chambal waters may be made by constructing (1) Rahu Ka Gaon/Devipura (2) Gujjapura (3) Jaitpura and (4) Barsala hydro-electric schemes. However, detailed project report of these schemes have not been received in CEA for examination.

(e) : The target of the Ministry of Power is to make available power on demand by the year 2012.

ANNEX
ANNEXURE REFERRED TO IN REPLY TO PARTs [a] to [c] OF UNSTARRED QUESTION No.3755 TO BE ANSWERED IN THE LOK SABHA ON 16.8.2001 REGARDING PENDING HYDEL POWER PROJECTS.

Sl. No.	Name of the project	Date of CCEA Executing Agency	Commissioning Schedule clearance/ investment decision	Original [In Yrs.]	Time Over- Latest run	Estimated Cost Rs.In Crs [Price Level] Original	Cost overrun %tage	Latest Rs.Crs.	Reason for time and cost over run
1	2	3	4	5	6	7	8	9	10	11
	CENTRAL SECTOR									
	NJPC									
1.	Nathpa Jhakri HE Project	5.4.1989 [12/85]	1996-97 [6/98]	2003-04	7	1678.02	7666.31	356.87	5988.29	Completion of Dam & HRT works. Tendered cost higher than estimated. Flash flood of MW] H.P. August 2000.
	NHPC									
2.	Dulhasti HE Project [3x130 MW] J&K	12.7.1989 [10.88]	1994-95 [11/96]	2003-04	9	1262.97	3559.77	181.86	2296.80	Law and order problem and poor geology in HRT. TBM buried due to rock burst in Feb 2000.
3.	Chamera HE Project St-II [3x100 MW] HP	18.5.1999 [8/98]	2004-2005 [8/98]	2004-05	Nil	1684.02	1684.02	0.00	0.00	
4.	Dhauliganga HE Project[4x70 MW] U.P.	8.4.1991 [12/89]	1998-99 [8/99]	2004-2005	6	601.98	1578.31	162.19	976.33	Delay in tying up of funds. Acquisition of private land and demand of oustees for employment in NHPC.
5.	Loktak D/S HE Project [3x30 MW] Manipur	30.12.1999 [4/99]	2006-2007 [4/99]	2006-07	Nil	0.0	578.62	0.00	0.00	-

6. Teesta HE Project St.V [3x170 MW] Sikkim	11.2.2000 [4/99]	2006-07 [4/99]	2006-07	Nil	2198.04	2198.04	0.00	0.00	-	
NEEPCO										
7. Ranganadi HE Project[3x135 MW] Ar.Pradesh	Apr.87 [2/88]	1994-95 [7/99]	2001-02	7	312.78	1446.09	362.33	1133.31	Funds constraints. Slow progress of HRT works, delay in award of Dam and Power House works.	
8. Tuirial HE Project [2x30 MW] Mizoram	July 98 [6/97]	2005-07 [6/97]	2005-07	Nil	368.72	368.72	0.00	0.00	Nil	
9. Kopili St.II 1x25 MW Assam	July 99 [9/98]	2003-04 [9/98]	2003-04	Nil	76.09	76.09	0.00	0.00	Nil	
THDC										
10. Tehri HE Project [4x250] U.P. Non closure of diversion tunnels.	Mar 94 [3/93]	1997-99 [8/99]	2002-03	4	3391.40	5690.64	67.80	2299.24	R&R problem Uttarkhand agitation. Delay in award of spillway, PH and dam works.	
11. Koteshwar HE Project [4x100 MW] U.P.	April 2000 [10/99]	2005-06 [10/99]	2005-06	Nil	1301.56	1301.56	0.00	0.00	Nil	
NHDC										
12. Indira Sagar [8x125 MW]	6.9.89 [12/88]	1997-2000	2003-06	6	1190.12	3381.32	184.12	2191.20	R&R problem. Slow progress due to funds constraint.	
NORTHERN REGION										
HARYANA										
13. WYC-II[2x7.2 MW] HPGCL	4.2.2000 State Govt.	10th Plan [12/98]	10th Plan	Nil	70.00	94.00	34.29	24.00	Cancellation of OECF Loan. Fund constraint Water dispute between UP and Haryana.	
HIMACHAL PRADESH										
14. Larji [3x42 MW] HPSEB	14.1.2000 (TEC)	2002-03 [3/99]	2003-05 [3/99]	1-2	796.98	796.98	0.00	0.00	Delay in award of contract packages of Civil Works. ICB route followed instead of LCB in case of E&M equipment.	
JAMMU & KASHMIR										
15a Upper Sindh-II 2x35 MW J&KPDC	22.11.83 [11/83]	1988-89 [6/2000]	1999-2002	11-13	76.46	399.50	422.50	323.04	Law and order problem. Funds constraints. General price escalation.	
15b Upper Sindh [Extn.] (1x35 MW) J&KPDC	26.6.89 [6/89]	1993-94 [4/96]	2001-02	8	20.69	42.27	104.30	21.58	Law and problem. Funds constraints. General price escalation.	
16. Sewa St.III [3x3 MW] J&KPDC	Sanctioned by State Govt.	1997-98 [3/88]	2001-02 [5/98]	4	16.92	60.00	254.61	43.08	Funds constraints. Land acquisition. Slow progress of works. Flooding of Power house.	

PUNJAB

17. Shahpurkandi 5.7.93 10th Plan 11th Plan About 895.08 1538.00 71.83 642.92 Funds constraints
[2x40+2x40+ 5 Yrs [12/91] [4/99]
1x8MW]PIW/PSEB

UTTARANCHAL

18. Lakhwar Vyasi 9.1.76 1989- 90 2004-2006 15-16 140.97 1446.00 925.75 1305.03 Funds constraints.
[3x100+2x60 MW] [1/78] [3/96] Change of executing agency.
UPJVNL/NHPC

19. Maneri Bhali-II 21.2.2000 2003-05 2003-05 Nil 0.0 1249.18 0.00 0.00 -
[4x76 MW] THDC [CEA] [2/99] [2/99]
[Comple- [Comple-
tion cost] iton cost]

WESTERN REGION

GUJARAT

20. Sardar Sarovar HEP 5.10.88 1994-96 2003-05 9 1551.86 3267.25 110.54 1715.39 Cancellation of World Bank Loan. Suspension
6x200+5x50 MW [86-87] [1996-97] of OECF loan. Increase in R&R scope. Stay by
SSNL Supreme Court on construction of dam for
aising of spillway height above 80.3m initially
and then above 85.0 m.
MADHYA PRADESH

21. Bansagar Tons P.H.-II30.6.84 PH-II 2002-03 12 301.17 966.81 221.02 665.64 Slow progress of Civil Works due to delay in
& III 2x15+3x20 MW 1990-91 [Incl. [2000] land acquisition in Ban Sagar Dam. R&R
MPEB PH-III 2000-02 11 PH-I problem. Funds constraint.
1989-91 3x105 MW
[6/84]

22. Bansagar Tons 31.7.92 1996-97 2002-03 6 51.06 84.97 66.41 33.91 Slow progress due to funds constraint.
PH-IV 2x10 MW [9/90] [2000] Delay in finalisation of executing agency.
MPEB R&R problem.

23. Marhi-kheda 11.5.01 By 2003-04 2003-04 Nil 177.38 177.38 0.00 0.00 -
2x20+1x20 MW State Govt. [2000 PL] [2000PL]

MAHARASHTRA

24. Ghatghar PSS 11.8.92 1995-96 2004-05 9 485.96 830.00 70.80 344.04 Low priority by State Govt. Land acquisition.
2x125 MW [1992] [5/97] General price escalation. Delay in award
ID/Govt.of Mah. of major works.

25. Bhivpuri PSS 4.12.90 2001-02 2003-04 2 89.87 89.87 0.00 0.00 Inter State dispute.
1x90 MW [11/89] [11/89]
Tata Electric Corp.
[licencee]

SOUTHERN REGION

ANDHRA PRADESH

26. Srisailam LB HEP 1.9.1986 1993-95 2000-2003 7-8 418 2482.00 493.78 2064.00 Delay in award & slow progress of civil works.
[6x150 MW] [85/86] [2000-01] Variation in exchange rate.
APGENCO General price escalation.

KARNATAKA

27. Brindavan HEP 10.4.1990 1993-94 2002-03 8 15.23 51.24 236.44 36.01 Delay in commencement of works due to stay

[2x6 MW] KPCL [8/89] [97/98] order from court. General price escalation.
Change of executing agency.

28. Sharavathy TR 6.5.1987 1993-94 2001-02 8 160.59 531.00 230.66 370.41 Funds constraints and slow progress of dam
[4x60MW] KPCL [82/83] [2001-02] and PH civil works. General price escalation.
Stay order from court. Cancellation of WB loan.

KERALA

29. Malankara HEP August 86 1990-91 2002-03 12 7.80 41.57 432.95 33.77 Delay in award of civil works and revision in
3x3.5MW KSEB [86/87] [1999-2000] capacity. General price escalation.

30. Kuttiyadi TR May 89 2000-01 2002-03 2 3.97 12.92 225.44 8.95 General price escalation. Delay in award and
3x1.25MW [98/99] [99-2000] execution of works.

TAMIL NADU

31. Pykara Ultimate 1.8.1988 1994-95 10th Plan 8 70.16 373.06 431.73 302.90 General price escalation. F.E. rate variations.
3x50 MW TNEB [87/88] [98/99] Delay in award of TR & E/M works.
Slow progress of pressure shaft works.

A&N ISLAND

32. Kalpong [5.2 MW] 15.7.98 2001-02 2001-02 Nil 49.37 47.31 -4.16 -2.06
A&N Adm (date of [1/98] [Yr.2000PL]
agreement between
A&N Adm. &
NHPC.

EASTERN REGION

JHARKHAND

33. Chandil 2x4 MW 14.4.87 1988-90 2001-02 12-13 12.95 32.49 150.89 19.54 Funds constraints. Delay in supply & erection
JSEB [4/87] [1996] of EOT crane. PH civil works. General price
escalation. Delay in supply of shortage by BHEL.

34. North Koel 10.3.84 1988-89 2002-03 14 21.94 [47.34] 115.77 25.40 Funds constraints. Delay in TRT/TRC & PH
2x12 MW JSEB [3/83] [1996] Civil works. Law & order problem. General
price escalation.

ORISSA

35. Potteru 1x3+1x3MW30.7.84 1989-90 2001-02 12 5.46 18.83 244.87 13.37 Funds constraint. Delay in land acquisition.
OHPC [1984] [1997] Shortage of staff. Foresst clearance. Law and
order problem. Delay in civil works by ID.

36. Balimela Dam Toe 26.2.77 1982-83 10th Plan 19 17.77 69.30 289.98 51.53 Inter state dispute. General price escalation.
[2x30 MW] OPCL [12/76] [1997]

WEST BENGAL

37. Rammam St-I 17.3.1993 9th Plan 10th Plan About 90.88 176.59 94.31 85.71 Works not yet started.
3x12 MW WBSEB 5 Yrs. [3/91] [1998-99]

38. Purulia PSS 4x225 9.2.94 2002-03 2004-06 2-3 1456.56 3188.90 118.93 1732.34 Loan agreement with OECF signed after one
MW nWBSEB [9/91] [4/94] year of sanction. General price escalation.
Delay in finalisation of supply orders.

SIKKIM

39. Rolep St-I 2x3 MW 16.8.97 2001-02 2003-04 2 35.13 45.00 28.10 9.87 Works not yet started due to fund constraints.
Revised to 2x4.5 MW [1996] [1999]
SPDCL

NORTH-EASTERN REGION

ASSAM

40. Karbi Langpi [Lower24.9.79 1985-86 2003-04 18 36.36 288.37 693.10 252.01 Frequent change in executing agencies. Fund
Borpani] 2x50MW [1979] [1998] constraints. Completion of Dam. Poor
ASEB performance in Joint Sector.

41. Dhansiri 5x3x1.33 MW ASEB	6.2.85 [1985]	1988-89 [1999]	2002-03 last 7 years.	14	10.53	78.63	646.72	68.10	Law and order problem. Shortage of funds for

NAGALAND

42. Likim-Ro 3x8 MW Power Deptt. Nagaland	18.10.89 [3/88]	1993-94 [2000]	2001-02 of Power Channel and other civil works. Funds constraints.	8	33.84	215.88	537.94	182.04	Delay in award of Civil works. Slow progress

PRIVATE SECTOR

43. Baspa-II [Pvt.] 3x100 MW M/s JHPL HP	29.4.94 [TEC] [12/93]	2001-02 [12/93]	2003-04	2	949.23	949.23	0.00	0.00	Delay due to flash flood on 31st July/1st August 2000.
44. Vishnu Prayag [Pvt.] 4x100 MW M/s JPVL UP	30.6.97 (TEC) [6/97]	10th Plan [6/97]	10th Plan	Nil	1614.66	1614.66	0.00	0.00	-
45. Srinagar 4x82.5 MW DNHPC	14.6.2000 (TEC) [3/99]	2005-06 [3/99]	2005-06	Nil	1699.12	1699.12	0.00	0.00	-
46. Maheshwar [Pvt.] 10x40 MW SMPHC MP	30.12.96 [96-97] Delay in finalisation of firm financial package for loan.	2001-02 [4/2000]	2003-05 General price escalation. R&R problem.	2-3	1569.27	1673.00	6.61	103.73	Delay in finalisation of executing agency.
47. Boothath ankettu 16 MW Kerala M/s Silical Mett.Ltd.	- [1989]	2000-01 [1993]	2001-02	1	32.83	35.65	8.59	2.82	-